

IN THE SPECIFICATION

Page 1, lines 3 and 4, replace paragraph with the following amended paragraph.

BACKGROUND OF THE INVENTION

FIELD OF THE INVENTION

The present invention relates to a linear actuator ~~of the type defined in the introductory portion of claim 1.~~

THE PRIOR ART

Page 1, lines 17, insert the following topic heading.

SUMMARY OF THE INVENTION

Page 2, lines 11 to 20, replace the paragraph with the following amended paragraph.

Owing to the smaller torque on the overload clutch because of its position in the structure, it is now easier to use other forms of clutches than just a ball and ratchet clutch. Generally, however, it is still attractive to use a ball and ratchet clutch which is extremely sturdy. ~~A special structure enclosed by a cap is defined in claim 2.~~ Pressing the cap down by a predetermined force and securing it so that the clutch appears as a unit ready for mounting in the actuator, ensure for one thing a unique overload moment, and for another allow easy testing of them prior to the

mounting in the actuator. A finished unit also facilitates the mounting operation of the actuator considerably.

Page 2, lines 27 to 29, replace the paragraph with the following amended paragraph.

To increase the self-blocking capacity of the actuator, the shaft member may be connected with a brake device, which may, e.g., be formed by a screw spring and a claw clutch in engagement with the ends thereof.

Page 4, line 9 to page 5, line 20, replace the paragraphs with the following amended paragraphs.

Further features of the invention will appear from the following embodiment of the invention, which will be described more fully below with reference to the accompanying ~~drawing, in which:~~ drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 shows the actuator seen in perspective from the front,

~~Fig.~~ Fig. 2 shows the actuator seen in perspective from behind,

~~Fig.~~ Fig. 3 shows a sketch of the basic structure of the actuator,

~~Fig.~~ Fig. 4 shows a longitudinal section through the actuator,

~~Fig.~~ Fig. 5 shows the actuator seen directly from the front,

~~Fig.~~ Fig. 6 shows a cross-section along the line K-K in ~~fig.~~ Fig. 4,

~~Fig.~~ Fig. 7 shows the actuator seen directly from behind,

~~Fig. fig.~~ 8 shows the actuator seen directly from below,
~~Fig. fig.~~ 9 shows a cross-section along the line G-G in ~~fig.~~ Fig. 8,
~~Fig. fig.~~ 10 shows a cross-section along the line 1-1 in ~~fig.~~ Fig. 8,
~~Fig. fig.~~ 11 shows a longitudinal section through the actuator,
~~Fig. fig.~~ 12 shows a cross-section along the line F-F ~~fig.~~ Fig. 11,
~~Fig. fig.~~ 13 shows a cross-section along the line J-J in ~~fig.~~ Fig. 11,
~~Fig. fig.~~ 14 shows a cross-section along the line Q-Q ~~fig.~~ Fig. 11,
~~Fig. fig.~~ 15 shows a cross-section along the line S-S in ~~fig.~~ Fig. 11,
~~Fig. fig.~~ 16 shows the actuator seen from above with a longitudinal section
along the line H-H in ~~fig.~~ Fig. 11,
~~Fig. fig.~~ 17 shows an exploded view of the printed circuit control board,
~~Fig. fig.~~ 18 shows an exploded view of the potentiometer unit, and
~~Fig. fig.~~ 19 shows a perspective view of a bracket on the front end of the
motor.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT